

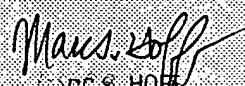
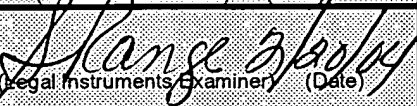


|  |                        |  |                     |  |
|--|------------------------|--|---------------------|--|
| <b>Issue Classification</b><br> | <b>Application No.</b> |  | <b>Applicant(s)</b> |  |
|  | 09/944,239             |  | TAKAHASHI, AKIO     |  |
|  | <b>Examiner</b>        |  | <b>Art Unit</b>     |  |
|  | Paul L Kim             |  | 2857                |  |

| ISSUE CLASSIFICATION   |          |   |   |       |  |                                   |  |  |  |                             |                        |
|--|----------|---|---|-------|--|-----------------------------------|--|--|--|-----------------------------|------------------------|
| ORIGINAL   |          |   |   |       | CROSS REFERENCE(S)   |                                   |  |  |  |                             |                        |
| CLASS  | SUBCLASS |   |   |       | CLASS  | SUBCLASS (ONE SUBCLASS PER BLOCK) |  |  |  |                             |                        |
| 702  | 191      |   |   |       | 324  | 613                               |  |  |  |                             |                        |
| INTERNATIONAL CLASSIFICATION   |          |   |   |       |  |                                   |  |  |  |                             |                        |
| H  | 0        | 4 | B | 15/00 |  |                                   |  |  |  |                             |                        |
|  |          |   |   | /     |  |                                   |  |  |  |                             |                        |
|  |          |   |   | /     |  |                                   |  |  |  |                             |                        |
|  |          |   |   | /     |  |                                   |  |  |  |                             |                        |
|  |          |   |   | /     |  |                                   |  |  |  |                             |                        |
|  2/9/04<br>(Assistant Examiner) (Date)  |          |   |   |       | <br>PC S. HOD<br>SUPERVISOR PATENT EXAMINER 2/17/04<br>TECHNICAL CENTER 2800 (Date) |                                   |  |  |  | Total Claims Allowed: 15    |                        |
| <br>(Legal Instruments Examiner) (Date) |          |   |   |       |  |                                   |  |  |  | O.G.<br>Print Claim(s)<br>1 | O.G.<br>Print Fig<br>4 |

| <input type="checkbox"/> Claims renumbered in the same order as presented by applicant |          |  |       |          |  |       |          |  |       |          |  | <input type="checkbox"/> CPA |          | <input type="checkbox"/> T.D. |       | <input type="checkbox"/> R.1.47 |  |
|--|----------|--|-------|----------|--|-------|----------|--|-------|----------|--|------------------------------|----------|-------------------------------|-------|---------------------------------|--|
| Final  | Original |  | Final | Original |  | Final | Original |  | Final | Original |  | Final                        | Original |                               | Final | Original                        |  |
| 1  | 1        |  |       | 31       |  |       | 61       |  |       | 91       |  |                              | 121      |                               |       | 151                             |  |
| 2  | 2        |  |       | 32       |  |       | 62       |  |       | 92       |  |                              | 122      |                               |       | 152                             |  |
| 3  | 3        |  |       | 33       |  |       | 63       |  |       | 93       |  |                              | 123      |                               |       | 153                             |  |
| 4  | 4        |  |       | 34       |  |       | 64       |  |       | 94       |  |                              | 124      |                               |       | 154                             |  |
| 5  | 5        |  |       | 35       |  |       | 65       |  |       | 95       |  |                              | 125      |                               |       | 155                             |  |
| 6  | 6        |  |       | 36       |  |       | 66       |  |       | 96       |  |                              | 126      |                               |       | 156                             |  |
| 7  | 7        |  |       | 37       |  |       | 67       |  |       | 97       |  |                              | 127      |                               |       | 157                             |  |
| 8  | 8        |  |       | 38       |  |       | 68       |  |       | 98       |  |                              | 128      |                               |       | 158                             |  |
| 9  | 9        |  |       | 39       |  |       | 69       |  |       | 99       |  |                              | 129      |                               |       | 159                             |  |
| 11   | 10       |  |       | 40       |  |       | 70       |  |       | 100      |  |                              | 130      |                               |       | 160                             |  |
| 10   | 11       |  |       | 41       |  |       | 71       |  |       | 101      |  |                              | 131      |                               |       | 161                             |  |
| 12   | 12       |  |       | 42       |  |       | 72       |  |       | 102      |  |                              | 132      |                               |       | 162                             |  |
| 13   | 13       |  |       | 43       |  |       | 73       |  |       | 103      |  |                              | 133      |                               |       | 163                             |  |
| 14   | 14       |  |       | 44       |  |       | 74       |  |       | 104      |  |                              | 134      |                               |       | 164                             |  |
| 15   | 15       |  |       | 45       |  |       | 75       |  |       | 105      |  |                              | 135      |                               |       | 165                             |  |
|  | 16       |  |       | 46       |  |       | 76       |  |       | 106      |  |                              | 136      |                               |       | 166                             |  |
|  | 17       |  |       | 47       |  |       | 77       |  |       | 107      |  |                              | 137      |                               |       | 167                             |  |
|  | 18       |  |       | 48       |  |       | 78       |  |       | 108      |  |                              | 138      |                               |       | 168                             |  |
|  | 19       |  |       | 49       |  |       | 79       |  |       | 109      |  |                              | 139      |                               |       | 169                             |  |
|  | 20       |  |       | 50       |  |       | 80       |  |       | 110      |  |                              | 140      |                               |       | 170                             |  |
|  | 21       |  |       | 51       |  |       | 81       |  |       | 111      |  |                              | 141      |                               |       | 171                             |  |
|  | 22       |  |       | 52       |  |       | 82       |  |       | 112      |  |                              | 142      |                               |       | 172                             |  |
|  | 23       |  |       | 53       |  |       | 83       |  |       | 113      |  |                              | 143      |                               |       | 173                             |  |
|  | 24       |  |       | 54       |  |       | 84       |  |       | 114      |  |                              | 144      |                               |       | 174                             |  |
|  | 25       |  |       | 55       |  |       | 85       |  |       | 115      |  |                              | 145      |                               |       | 175                             |  |
|  | 26       |  |       | 56       |  |       | 86       |  |       | 116      |  |                              | 146      |                               |       | 176                             |  |
|  | 27       |  |       | 57       |  |       | 87       |  |       | 117      |  |                              | 147      |                               |       | 177                             |  |
|  | 28       |  |       | 58       |  |       | 88       |  |       | 118      |  |                              | 148      |                               |       | 178                             |  |
|  | 29       |  |       | 59       |  |       | 89       |  |       | 119      |  |                              | 149      |                               |       | 179                             |  |
|  | 30       |  |       | 60       |  |       | 90       |  |       | 120      |  |                              | 150      |                               |       | 180                             |  |